

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Withdrawn): An apparatus for fabricating a plasma display panel, said apparatus forming a protection film on a substrate of a plasma display panel in a display area, comprising:

(a) a vacuum chamber;
(b) a feeder which feeds said substrate in a first direction in said vacuum chamber; and
(c) a plurality of evaporation sources located in alignment with said display area of said substrate when said substrate is in a film-forming position,
wherein at least one of said evaporation sources is located outside said display area in a second direction perpendicular to said first direction.

Claim 2 (Withdrawn): An apparatus for fabricating a plasma display panel, said apparatus forming a protection film on a substrate of a plasma display panel in a display area, comprising:

(a) a vacuum chamber;
(b) a feeder which feeds said substrate in a first direction in said vacuum chamber; and
(c) a plurality of evaporation sources located in alignment with said display area of said substrate when said substrate is in a film-forming position,
wherein at least one of said evaporation sources is located in each of first areas defined as areas extending from edges of a maximum substrate among substrates being able to be fed by

said feeder which edges extend in said first direction, inwardly of said substrate by a predetermined length in a second direction perpendicular to said first direction.

Claim 3 (Withdrawn): The apparatus as set forth in claim 2, wherein said predetermined length is equal to 40 mm.

Claim 4 (Withdrawn): The apparatus as set forth in claim 2, wherein said at least one of said evaporation sources is located outside said first area in said second direction.

Claim 5 (Withdrawn): The apparatus as set forth in claim 2, wherein said protection film is formed by vacuum evaporation.

Claim 6 (Withdrawn): The apparatus as set forth in claim 5, further comprising an electron gun which irradiates electron beams to said evaporation sources for heating and evaporating said evaporation sources.

Claim 7 (Withdrawn): The apparatus as set forth in claim 2, wherein an angle defined by a first line and a second line is equal to or smaller than 80 degrees wherein said first line is defined as a line, when said substrate is in said film-forming position, connecting each of said at least one of said evaporation sources to a point on each of lines extending in the first direction at a distance of said predetermined length from said edges of said substrate which point is closest to each of said at least one of said evaporation sources, and said second line is defined as a line

extending in said second direction from said at least one of said evaporation sources.

Claim 8 (Withdrawn): The apparatus as set forth in claim 2, wherein an angle defined by a first line and a second line is equal to or smaller than 80 degrees wherein said first line is defined as a line, when said substrate is in said film-forming position, connecting each of said at least one of said evaporation sources to a point on said substrate which point is closest to each of said at least one of said evaporation sources, and said second line is defined as a line extending in said second direction from said at least one of said evaporation sources.

Claim 9 (Withdrawn): The apparatus as set forth in claim 2, wherein a distance between said evaporation sources and said substrate may be selected from a plurality of distances different from one another, and, assuming that said display area has a length A or B ($A > B$) in said second direction, a distance selected when said display area has a length B is equal to or smaller than a distance selected when said display area has a length A.

Claim 10 (Withdrawn): The apparatus as set forth in claim 2, wherein each of said evaporation sources is comprised of magnesium oxide, and said apparatus forms a protection film comprised of a magnesium oxide film.

Claim 11 (Withdrawn): The apparatus as set forth in claim 10, wherein said magnesium oxide film has a face-centered cubic structure (fcc).

Claim 12 (Withdrawn): The apparatus as set forth in claim 10, wherein said magnesium oxide film has a (111)-aligned surface.

Claim 13 (Withdrawn): An apparatus for fabricating a plasma display panel, said apparatus forming a protection film on a substrate of a plasma display panel in a display area, comprising:

- (a) a vacuum chamber;
- (b) a feeder which feeds said substrate in a first direction in said vacuum chamber;
- (c) a plurality of evaporation sources located in alignment with said display area of said substrate when said substrate is in a film-forming position; and
- (d) a mask positioned between said substrate and said evaporation sources, and having an opening in alignment with said display area,

wherein at least one of said evaporation sources is located outside said opening in a second direction perpendicular to said first direction and parallel with a surface of said substrate.

Claim 14 (Withdrawn): The apparatus as set forth in claim 13, wherein said protection film is formed by vacuum evaporation.

Claim 15 (Withdrawn): The apparatus as set forth in claim 14, further comprising an electron gun which irradiates electron beams to said evaporation sources for heating and evaporating said evaporation sources.

Claim 16 (Withdrawn): The apparatus as set forth in claim 13, wherein an angle defined by a first line and a second line is equal to or smaller than 80 degrees wherein said first line is defined as a line connecting each of evaporation sources located outermost in said second direction among said evaporation sources, to a point in said opening which point is closest to said each of evaporation sources, and said second line is defined as a line extending in said second direction from said each of evaporation sources.

Claim 17 (Withdrawn): The apparatus as set forth in claim 13, wherein a distance between said evaporation sources and said substrate may be selected from a plurality of distances different from one another, and, assuming that said display area has a length A or B ($A > B$) in said second direction, a distance selected when said display area has a length B is equal to or smaller than a distance selected when said display area has a length A.

Claim 18 (Withdrawn): The apparatus as set forth in claim 13, wherein each of said evaporation sources is comprised of magnesium oxide, and said apparatus forms a protection film comprised of a magnesium oxide film.

Claim 19 (Withdrawn): The apparatus as set forth in claim 18, wherein said magnesium oxide film has a face-centered cubic structure (fcc).

Claim 20 (Withdrawn): The apparatus as set forth in claim 18, wherein said magnesium oxide film has a (111)-aligned surface.

Claim 21 (Currently Amended): A method of fabricating a plasma display panel having a substrate and a protection film formed over a display area of said substrate, said protection film being formed of magnesium oxide having a $(1,1,1)$ (111) alignment, said method comprising the steps of:

- (a) feeding said substrate in a vacuum atmosphere so as to move along a passage extending in a first direction; and
- (b) depositing said protection film by heating and evaporating a plurality of evaporation sources positioned to face said passage of the substrate passing said evaporation sources, wherein at least two of said evaporation sources are positioned outside a space to sandwich said space at opposite sides thereof during said deposition step, said space is defined between a pair of flat planes that extend substantially perpendicular to said passage and extending from the opposite edges of said display area of said substrate passing said evaporation sources, and wherein an angle between a first line connecting any one of said two evaporation sources and an edge point on said display area closest to said one evaporation source and a second line parallel to a surface of said display area and perpendicular to said first direction is 80 degrees or less.

Claim 22 (Currently Amended): The method as set forth in claim 21, wherein a reduction in intensity of (111) diffraction of said protection film at said edge point is less than at most 15%

of the maximum (111) diffraction of same protection film.

Claim 23 (Canceled)

Claim 24 (Previously Presented): The method as set forth in claim 21, wherein said substrate has at least two display areas each having a size of 50-inch size in diagonal or greater.

Claim 25 (Original): The method as set forth in claim 21, wherein said substrate has at least three display areas.

Claim 26 (Previously Presented): The method as set forth in claim 21, wherein said display area has a size of 55-inch size in diagonal or greater.

Claim 27 (Previously Presented): The method as set forth in claim 21, wherein said display area has a size of 60-inch size in diagonal or greater.

Claim 28 (Canceled).

Claim 29 (Previously Presented). The method as set forth in claim 21, wherein when said substrate passes said evaporation sources, a line extending from said at least one of said evaporation sources in a direction toward said substrate and perpendicular to said first direction intersects a portion of said substrate outside said display area.

Claim 30 (New). A method of fabricating a plasma display panel having a substrate and a protection film formed over a display area of said substrate, said protection film being formed of magnesium oxide, said method comprising the steps of:

feeding said substrate in a vacuum atmosphere so as to move along a passage extending in a first direction; and

depositing said protection film by heating and evaporating a plurality of evaporation sources positioned to face said substrate passing said evaporation sources;

wherein at least two of said evaporation sources are positioned outside a space to sandwich said space at opposite sides thereof during said deposition step, said space is defined between a pair of flat panels that extend substantially perpendicular to said passage and extending from the opposite edges of said display area of said substrate passing said evaporation sources, and

wherein an angle between a first line connecting any one of said two evaporation sources and an edge point on said display area closest to said one evaporation source and a second line parallel to a surface of said display area and perpendicular to said first direction is equal to 60 degrees or greater than 60 degrees and less than 80 degrees, or equal to 80 degrees.